

## **Group Decision Rule in Code Tracking Using a Delay Lock Loop (DLL)**

### **ABSTRACT OF THE DISCLOSURE**

System and method for code acquisition in a wireless communications system with a delay lock loop. A preferred embodiment comprises assigning a delay lock loop (DLL) to each path in a received signal with multipath, adjusting each DLL to maximize sample strength, grouping samples that are less than a first threshold apart into groups, adjusting DLL timing of samples in groups, regrouping groups that are less than a second threshold apart, applying a group decision to regrouped groups, and repeating the regrouping and applying until all groups are greater than the second threshold apart.